This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

L	Hits	Search Text	DB	Time stamp
Number				0001/07/16
-	24734	(manag\$5 search\$3 creat\$3) near3 (list)	USPAT;	2004/07/16
	2246	//	US-PGPUB	19:50 2004/07/16
-	2246	<pre>((manag\$5 search\$3 creat\$3) near3 (list)) and (customer with (id identif\$7 (account near2 number))) and list</pre>	USPAT; US-PGPUB	19:51
	1306	nearz number))) and list ((database with manag\$5) or DBMS) and	USPAT;	2004/07/16
-	1306	(((manag\$5 search\$3 creat\$3) near3 (list)) and (customer with (id identif\$7	US-PGPUB	19:51
		(account near2 number))) and list)		0004/07/06
-	486	<pre>(((database with manag\$5) or DBMS) and (((manag\$5 search\$3 creat\$3) near3 (list)) and (customer with (id identif\$7</pre>	USPAT; US-PGPUB	2004/07/16
		(account near2 number))) and list)) and		
	1	((multiple various plural\$3) with object) "20020120636"	USPAT;	2004/07/16
-	1	20020120636	US-PGPUB	19:53
_	1	"20020120636" and (retrieval near2	USPAT;	2004/07/16
	1	condition)	US-PGPUB	19:53
_	1	"20020120636" and (retrieval with	USPAT;	2004/07/16
	1	condition)	US-PGPUB	19:53
_	1	"20020120636" and (retrieval same	USPAT;	2004/07/16
		condition)	US-PGPUB	19:54
-	1	"20020120636" and (condition)	USPAT;	2004/07/16
	_		US-PGPUB	19:54
_	24	<pre>((((database with manag\$5) or DBMS) and (((manag\$5 search\$3 creat\$3) near3 (list)) and (customer with (id identif\$7</pre>	USPAT; US-PGPUB	2004/07/16
		(account near2 number))) and list)) and ((multiple various plural\$3) with		
		object)) and ((search with result) with		
		stor\$3)		
-	2	<pre>(((((database with manag\$5) or DBMS) and (((manag\$5 search\$3 creat\$3) near3 (list)) and (customer with (id identif\$7</pre>	USPAT; US-PGPUB	2004/07/16 19:58
		(account near2 number))) and list)) and ((multiple various plural\$3) with object)) and ((search with result) with		
		stor\$3)) and (temporar\$3 with stor\$3)		
_	1100		USPAT;	2004/07/19
			US-PGPUB	14:49
_	332	(view\$3 near2 query) and (view\$3 near2	USPAT;	2004/07/19
		result)	US-PGPUB	14:50
-	256		USPAT;	2004/07/19
		result)) and (query near2 result)	US-PGPUB USPAT;	14:50 2004/07/19
_	56	(((view\$3 near2 query) and (view\$3 near2 result)) and (query near2 result)) and	USPAT; US-PGPUB	14:53
		(name and address and id and customer)	00 10100	11.55
_	37	((((view\$3 near2 query) and (view\$3 near2	USPAT;	2004/07/19
		result)) and (query near2 result)) and	US-PGPUB	14:54
		(name and address and id and customer))		
		and @ad<20010223		
_	40	((((view\$3 near2 query) and (view\$3 near2	USPAT;	2004/07/19
		result)) and (query near2 result)) and	US-PGPUB	17:20
		(name and address and (id (account near2		
	1	number)) and customer)) and @ad<20010223 ((((view\$3 near2 query) and (view\$3	IIGDAm.	2004/07/19
_	32	near2 result)) and (query near2 result))	USPAT; US-PGPUB	17:21
		and (name and address and (id (account	05 13505	11.61
		near2 number)) and customer)) and		
		@ad<20010223) and ((collect\$3 group\$3		
		stor\$3) with results)	1	
_	3	(((((view\$3 near2 guery) and (view\$3	USPAT;	2004/07/19
		near2 result)) and (query near2 result))	US-PGPUB	17:21
		and (name and address and (id-(account		
		near2 number)) and customer)) and		
		@ad<20010223) and (((collect\$3 group\$3)		
]	with results) same target)	L	<u> </u>

	26	<pre>(((((view\$3 near2 query) and (view\$3 near2 result)) and (query near2 result)) and (name and address and (id (account</pre>	USPAT; US-PGPUB	2004/07/19 18:04
		near2 number)) and customer)) and @ad<20010223) and ((collect\$3 group\$3) with results)		
	8	<pre>((((((view\$3 near2 query) and (view\$3 near2 result)) and (query near2 result)) and (name and address and (id (account</pre>	USPAT; US-PGPUB	2004/07/19 17:27
		near2 number)) and customer)) and @ad<20010223) and ((collect\$3 group\$3) with results)) and (results same		
_	11	<pre>(correspond\$3 with object)) (((((view\$3 near2 query) and (view\$3 near2 result)) and (query near2 result)) and (name and address and (id (account near2 number)) and customer)) and</pre>	USPAT; US-PGPUB	2004/07/19 17:27
		@ad<20010223) and ((collect\$3 group\$3) with results)) and (results same (correspond\$3))		
-	40991	(database with manag\$5) or DBMS	USPAT; US-PGPUB	2004/07/19 18:01
_	61	<pre>(((view\$3 near2 query) and (view\$3 near2 result)) and (query near2 result)) and (name and address and (id (account near2 number)) and customer)</pre>	USPAT; US-PGPUB	2004/07/19 18:02
-	259	<pre>(((view\$3 near2 result)) and (query near2 result)) and (name and address and (id (account near2 number)) and customer)</pre>	USPAT; US-PGPUB	2004/07/19 18:02
_	392	(view\$3 near2 result) and (query near2 result) and (name address (account near2 number)) and customer	USPAT; US-PGPUB	2004/07/19 18:03
_	309	((database with manag\$5) or DBMS) and ((view\$3 near2 result) and (query near2 result) and (name address (account near2 number)) and customer)	USPAT; US-PGPUB	2004/07/19 18:04
_	194	<pre>(((database with manag\$5) or DBMS) and ((view\$3 near2 result)and (query near2 result) and (name address (account near2 number))and customer)) and ((collect\$3 group\$3) with results)</pre>	USPAT; US-PGPUB	2004/07/19 19:21
_	136	((((database with manag\$5) or DBMS) and ((view\$3 near2 result)and (query near2 result) and (name address (account near2 number))and customer)) and ((collect\$3 group\$3) with results)) and ((multiple several different many plurality) near3	USPAT; US-PGPUB	2004/07/19
-	0	object)	USPAT; US-PGPUB	2004/07/19 18:06
		number)) and customer)) and ((collect\$3 group\$3) with results)) and ((multiple several different many plurality) near3 object)) and (search with (correspond\$3		
-	25	<pre>with object)) (((((database with manag\$5) or DBMS) and ((view\$3 near2 result) and (query near2 result) and (name address (account near2</pre>	USPAT; US-PGPUB	2004/07/19 18:13
,		number))and customer)) and ((collect\$3 group\$3) with results)) and ((multiple several different many plurality) near3 object)) and (search with object)		
_	121	(((((database with manag\$5) or DBMS) and ((view\$3 near2 result) and (query near2	USPAT; US-PGPUB	2004/07/19 18:13
a a a a a a a a a a a a a a a a a a a		result) and (name address (account near2 number)) and customer)) and ((collect\$3 group\$3) with results)) and ((multiple several different many plurality) near3		
		object)) and ((customer inventory business) with table)		

-	108	((((database with manag\$5) or DBMS) and ((view\$3 near2 result)and (query near2	USPAT; US-PGPUB	2004/07/19 18:17
		result) and (name address (account near2	05 19105	10.17
		number))and customer)) and ((collect\$3		
		group\$3) with results)) and ((multiple		
·		several different many plurality) near3		
		object)) and ((customer inventory) with table)		
_	3	(((((database with manag\$5) or DBMS) and	USPAT;	2004/07/19
		((view\$3 near2 result) and (query near2	US-PGPUB	18:14
		result) and (name address (account near2		
		number)) and customer)) and ((collect\$3		
		<pre>group\$3) with results)) and ((multiple several different many plurality) near3</pre>		
		object)) and (customer with table)		
- [9	((((((database with manag\$5) or DBMS)	USPAT;	2004/07/19
	i	and ((view\$3 near2 result)and (query	US-PGPUB	18:52
		near2 result) and (name address (account		
		near2 number))and customer)) and ((collect\$3 group\$3) with results)) and		
		((multiple several different many		
		plurality) near3 object)) and ((customer		
		inventory) with table)) and object) and		
	2785	<pre>@ad<20010223 (search\$3 quer\$4) with (relational adj</pre>	USPAT;	2004/07/19
_	2/00	database)	US-PGPUB	19:19
_	804	((search\$3 quer\$4) with (relational adj	USPAT;	2004/07/19
		database)) and (object with table)	US-PGPUB	19:19
-	378	(((search\$3 quer\$4) with (relational adj	USPAT; US-PGPUB	2004/07/19 19:20
		<pre>database)) and (object with table)) and (query with (input\$4 enter\$3 submit\$4))</pre>	US-PGPUB	19.20
_	311	((((search\$3 quer\$4) with (relational adj	USPAT;	2004/07/19
		database)) and (object with table)) and	US-PGPUB	18:55
		(query with (input\$4 enter\$3 submit\$4)))		
	200	and (result with (object table)) (((((search\$3 quer\$4) with (relational	USPAT;	2004/07/19
_	200	adj database)) and (object with table))	US-PGPUB	18:56
		and (query with (input\$4 enter\$3		
		submit\$4))) and (result with (object		
		table))) and ((result near2 set) or (
_	68	<pre>(collect\$3 group\$3)with result)) (((((search\$3 quer\$4) with (relational</pre>	USPAT;	2004/07/19
-	00	adj database)) and (object with table))	US-PGPUB	18:56
		and (query with (input\$4 enter\$3		
		submit\$4))) and (result with (object		
		table))) and ((result near2 set) or ((collect\$3 group\$3)with result))) and		
		(customer with (id number order account))		
-	26	((((((search\$3 quer\$4) with (relational	USPAT;	2004/07/19
	,	adj database)) and (object with table))	US-PGPUB	18:57
		and (query with (input\$4 enter\$3 submit\$4))) and (result with (object		
		table))) and ((result near2 set) or (
		(collect\$3 group\$3)with result))) and		
		(customer with (id number order		
		account))) and (customer with list)	HCDAM.	2004/07/19
-	12	<pre>(((((((((search\$3 quer\$4) with (relational adj database)) and (object with table))</pre>	USPAT; US-PGPUB	2004/07/19
		and (query with (input\$4 enter\$3	05 10105	20.00
		submit\$4))) and (result with (object		
		table))) and ((result near2 set) or (
		(collect\$3 group\$3) with result))) and		
		(customer with (id number order account))) and (customer with list)) and		
		@ad<20010223		
	11739-	=	-USPAT-;	
			US-PGPUB	19:19
_	139	(relational adj database) and (search with (customer and table))	USPAT; US-PGPUB	2004/07/19
_	1490	(relational adj database) and (search	USPAT;	2004/07/19
	1770	with table)	US-PGPUB	19:19
		with table)	00 10100	1

with table) and ((search query) with (injust3 enters) submit\$4]					
525	_	820		USPAT; US-PGPUB	2004/07/19 19:20
With table and (query) with (input) 4 USPAT; 2004/07/19 USPAT; 2004/07/20 U	_	525	((relational adj database) and (search with table)) and ((query) with (input\$4		
Group\$3 stor\$3 set) with results	_	406	enter\$3 submit\$4)) (((relational adj database) and (search	•	1
with table) and ((query) with (inputs4 US-PCPUB 20:05 enter93 submits4)) and ((collects3 group53 stor\$3 set) with results) and (customer nears1 table) with manag\$5 or DBMS) Crelational adj database or ((database with manag\$5) or DBMS) USPAT; US-PCPUB USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT;	_	48	group\$3 stor\$3 set) with results)	USPAT;	2004/07/19
Customer near3 table			<pre>with table)) and ((query) with (input\$4 enter\$3 submit\$4))) and ((collect\$3</pre>		20:05
Company inventory Company Comp	_	45234	(relational adj database) or ((database		1 ' '
944 (((relational adj database) or ((database with manag\$5) or DBMS or DBMS or ((customer business company inventory) near3 table) and ((search33 query33) with table) (((database with manag\$5) or DBMS)) and ((customer business company inventory) near3 table) and ((search33 query33) usery33 with table) and ((search33 query33) usery33 with table) and ((search33 query33) usery33 with table) and ((search33 query33) usery33 usery33 with table) and ((search33 query33) usery33	-	2088	((relational adj database) or ((database with manag\$5) or DBMS)) and ((customer	USPAT;	2004/07/19
and ((search\$3 query\$3) with table)	-	944	(((relational adj database) or ((database with manag\$5) or DBMS)) and ((customer		1
((database with manag\$5) or DBMS) and ((customer business company inventory) near3 table)) and ((search\$3 query\$3) with table)) and (table with object) (((((relational adj database) or ((database with manag\$5) or DBMS)) and ((customer business company inventory) near3 table)) and (table with object) and ((collection group\$3)with results) ((((((trelational adj database) or ((database with manag\$5) or DBMS)) and ((collection group\$3)with results) (((((customer business company inventory) near3 table)) and ((search\$3 query\$3) with table)) and ((search\$3 query\$3) and ((collection group\$3)with results)) ((collection group\$3)with results)) ((collection group\$3)with results)) (collection group\$3)with results)) (collection group\$3)with results)) (collection group\$3 (collection group\$3)with results)) (collection group\$3 (collection group\$3)with results)) (collection group\$3 (coll	_	433	and ((search\$3 query\$3) with table) ((((relational adj database) or	USPAT;	1 1
162			<pre>((database with manag\$5) or DBMS)) and ((customer business company inventory) near3 table)) and ((search\$3 query\$3)</pre>	US-PGPUB	20:07
near3 table) and ((search\$3 guery\$3) with table)) and (table with object) and ((collection group\$3)with results) ((((((relational adj database) or ((database with manag\$5) or DBM\$5)) and ((customer business company inventory) near3 table)) and ((search\$3 query\$3) with table)) and (table with object) and ((collection group\$3)with results)) and (gad20010223 ("5419942" "5600831").PN.	_	162	(((((relational adj database) or ((database with manag\$5) or DBMS)) and		1
107 (((((relational adj database) or ((database with manag\$5) or DBMS)) and ((customer business company inventory) near3 table)) and ((search\$3 query\$3) with table)) and (table with object) and ((collection group\$3)with results)) and (edad<20010223 ("\$419942" "5600831").PN.			near3 table)) and ((search\$3 query\$3) with table)) and (table with object)) and		
near3 table) and ((search\$3 query\$3) with table) and (table with object) and ((collection group\$3)with results)) and (ead<20010223 ("5419942" "5600831").PN.	_	107	((((((relational adj database) or ((database with manag\$5) or DBMS)) and	1	
- 2			near3 table)) and ((search\$3 query\$3) with table)) and (table with object)) and ((collection group\$3)with results)) and		
Crelational with database	_	2		USPAT	
(relational with database)) and (manag\$5) near3 (list) (((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list)) - 76 ((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3 (set list)) - 37 (((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3 (set list)) and ((query\$3 search\$3)with object) ((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3 (set list))) - 38 (((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3-set) - 22 (((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3 set)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3 set)) and	-		(relational with database)	US-PGPUB	15:16
(relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list)) ((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3 (set list)) (((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3 (set list))) and ((query\$3 search\$3)with object) ((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3-set) (((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3-set) (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3-set)) and (result near3-set) (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3-set)) and (result near3-set)) and (result near3-set) and (manag\$5) and (manag	-	2891	(relational with database)) and (manag\$5)		
- 76 ((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3 (set list)) - 37 (((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3 (set list))) and ((query\$3 search\$3)with object) - 38 ((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3 set) - 22 (((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3 set) - 22 (((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3 set)) and		271	(relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table		
list))) and (result near3 (set list)) (((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3 (set list))) and ((query\$3 search\$3)with object) ((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list)) and (result near3—set) (((((database with manag\$5) or DBMS or ((((database with manag\$5) or DBMS or (((((database with manag\$5) or DBMS or (((((database with manag\$5) or DBMS or ((relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3 set)) and	-	76	((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5)		
list))) and (result near3 (set list))) and ((query\$3 search\$3)with object) ((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3—set) (((((database with manag\$5) or DBMS or (((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table list))) and (result near3 set)) and	_	37	<pre>list))) and (result near3 (set list)) (((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5)</pre>		
(relational with database)) and (manag\$5) uS-PGPUB near3 (list)) and (customer near3 (table list)) and (result near3-set) (((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) uS-PGPUB near3 (list)) and (customer near3 (table list))) and (result near3 set)) and		20	<pre>list))) and (result near3 (set list))) and ((query\$3 search\$3)with object)</pre>	USPAT:	2004/07/20
- 22 (((((database with manag\$5) or DBMS or USPAT; 2004/07/20 (relational with database)) and (manag\$5) US-PGPUB 15:20 list)) and (result near3 set)) and	_		(relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table		
list))) and (result near3 set)) and	_	22	(((((database with manag\$5) or DBMS or (relational with database)) and (manag\$5) near3 (list)) and (customer near3 (table		
((quelyy) Sealchy) with Object,			<pre>list))) and (result near3 set)) and ((query\$3 search\$3)with object)</pre>		

-	1	(US-6615258-\$).did.	USPAT	2004/07/20 16:45
_	0	((US-6615258-\$).did.) and ((input\$3	USPAT	2004/07/20
		enter\$3) with guery)		16:45
-	1	((US-6615258-\$).did.) and (object with	USPAT	2004/07/20
_	1	query) ((US-6615258-\$).did.) and (object with	USPAT	2004/07/20
_	-	table)		16:47
_	1	((US-6615258-\$).did.) and (customer with	USPAT	2004/07/20
	1	table) ((US-6615258-\$).did.) and (database with	USPAT	16:48 2004/07/20
_	1	customer)	OSEAL	16:48
_	1	(((US-6615258-\$).did.) and (customer with	USPAT	2004/07/20
		table)) and (((US-6615258-\$).did.) and		16:48
	1	(database with customer)) ((((US-6615258-\$).did.) and (customer	USPAT	2004/07/20
-	1	with table)) and (((US-6615258-\$).did.)		16:51
		and (database with customer))) and		
		((query near3 result) with customer)	USPAT	2004/07/20
-	1	((((US-6615258-\$).did.) and (customer with table)) and (((US-6615258-\$).did.)	USPAI	16:53
		and (database with customer))) and		
		((query near3 result) with customer)) and		
		<pre>(result with (existing stor\$3 previous collection))</pre>		
_	0	((((((US-6615258-\$).did.) and (customer	USPAT;	2004/07/20
		with table)) and (((US-6615258-\$).did.)	US-PGPUB	16:53
		and (database with customer))) and		
		((query near3 result) with customer)) and (result with (existing stor\$3 previous		
		collection))) and (target with retriev\$3)		
-	1	((((((US-6615258-\$).did.) and (customer	USPAT;	2004/07/20
		with table)) and (((US-6615258-\$).did.)	US-PGPUB	16:53
		<pre>and (database with customer))) and ((query near3 result) with customer)) and</pre>		
		(result with (existing stor\$3 previous		
		collection))) and (target with result)		0004/07/01
_	11	(US-6581039-\$ or US-6571235-\$ or US-6233586-\$ or US-6615258-\$ or	USPAT; US-PGPUB	2004/07/21
		US-5812840-\$ or US-5737591-\$ or	OS TOLOB	13.03
		US-5555403-\$ or US-6078926-\$ or		
		US-5694608-\$).did. or (US-20020120636-\$		
	1	or US-20040139070-\$).did. ((US-6581039-\$ or US-6571235-\$ or	USPAT;	2004/07/21
-	1	US-6233586-\$ or US-6615258-\$ or	US-PGPUB	20:00
		US-5812840-\$ or US-5737591-\$ or		
		US-5555403-\$ or US-6078926-\$ or US-5694608-\$).did. or (US-20020120636-\$		
		or US-20040139070-\$).did.) and		
		((spread?sheet spreadsheet Excel) with		
		customer)	USPAT;	2004/07/21
_	2	((US-6581039-\$ or US-6571235-\$ or US-6233586-\$ or US-6615258-\$ or	US-PGPUB	20:00
		US-5812840-\$ or US-5737591-\$ or		
		US-5555403-\$ or US-6078926-\$ or		
		US-5694608-\$).did. or (US-20020120636-\$ or US-20040139070-\$).did.) and		
		((spread?sheet spreadsheet Excel) with		
		list)		0004/55/55
-	7		USPAT; US-PGPUB	2004/07/21 20:48
	1	US-6233586-\$ or US-6615258-\$ or US-5812840-\$ or US-5737591-\$ or	US-FGFUB	20.40
		US-5555403-\$ or US-6078926-\$ or	1	
		US-5694608-\$).did. or (US-20020120636-\$		
		or US-20040139070-\$).did.) and ((spread?sheet spreadsheet Excel)-)		
		((Spread:Sneer Spreadsneer Excer))		

_	9	((US-6581039-\$ or US-6571235-\$ or	USPAT;	2004/07/21
		US-6233586-\$ or US-6615258-\$ or	US-PGPUB	20:51
		US-5812840-\$ or US-5737591-\$ or		
		US-5555403-\$ or US-6078926-\$ or		
		US-5694608-\$).did. or (US-20020120636-\$		
		or US-20040139070-\$).did.) and (logical)		<u> </u>